Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	311	peroxynitrite	USPAT	ADJ	OFF	2005/01/28 13:15
L2	766	peroxynitrite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:18
L3	881	540/145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:18
L4	1535	534/15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:18
L5	783	514/185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:18
L6	1091	514/410	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:18
L7	1397	424/9.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/01/28 13:19

chain nodes:

25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

ring nodes:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

chain bonds :

2-30 3-34 9-31 10-29 13-25 14-26 20-27 21-28 31-32 32-33 33-38 33-39 34-35 35-36 36-37 36-40 37-42 38-41 41-43 42-45 43-44 43-47 44-52 45-46 45-48 46-49 49-50 49-51 50-55 52-53 52-54 53-58 55-56 55-57 58-59 58-60

ring bonds:

1-2 1-5 1-23 2-3 3-4 4-5 4-6 6-7 7-8 7-9 8-11 9-10 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24

exact/norm bonds:

1-2 1-5 1-23 2-3 3-4 4-5 4-6 6-7 7-8 7-9 8-11 9-10 10-11 11-24 12-13 12-16 12-23 13-14 14-15 15-16 15-17 17-18 18-19 18-20 19-22 20-21 21-22 22-24 33-38 33-39 36-37 36-40 37-42 38-41 41-43 42-45 43-47 44-52 45-48 46-49 49-50 49-51 52-53 52-54 55-56 55-57 58-59 58-60

exact bonds:

2-30 3-34 9-31 10-29 13-25 14-26 20-27 21-28 31-32 32-33 34-35 35-36 43-44 45-46 50-55 53-58

Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLAS\$27:Atom 28:CLAS\$29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:CLAS\$38:CLAS\$39:CLAS\$40:Atom 41:Atom 42:Atom 43:CLAS\$44:Atom 45:CLAS\$46:CLAS\$47:CLAS\$48:CLAS\$49:CLAS\$50:CLAS\$51:CLAS

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptamlf1623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS 1
                 "Ask CAS" for self-help around the clock
NEWS 2
NEWS
         SEP 01
                New pricing for the Save Answers for SciFinder Wizard within
                 STN Express with Discover!
        OCT 28
                KOREAPAT now available on STN
NEWS
        NOV 30
NEWS
                 PHAR reloaded with additional data
        DEC 01 LISA now available on STN
NEWS 6
        DEC 09
                12 databases to be removed from STN on December 31, 2004
NEWS 7
        DEC 15
NEWS 8
                MEDLINE update schedule for December 2004
                ELCOM reloaded; updating to resume; current-awareness
NEWS
         DEC 17
                 alerts (SDIs) affected
NEWS
      10 DEC 17
                COMPUAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
                SOLIDSTATE reloaded; updating to resume; current-awareness
NEWS
      11 DEC 17
                alerts (SDIs) affected
                CERAB reloaded; updating to resume; current-awareness
NEWS
      12 DEC 17
                alerts (SDIs) affected
      13 DEC 17
                THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS
NEWS
                EPFULL: New patent full text database to be available on STN
      14 DEC 30
     15 DEC 30
NEWS
                CAPLUS - PATENT COVERAGE EXPANDED
NEWS
                No connect-hour charges in EPFULL during January and
      16 JAN 03
                 February 2005
                CA/CAPLUS - Expanded patent coverage to include the Russian
     17 JAN 26
NEWS
                Agency for Patents and Trademarks (ROSPATENT)
NEWS EXPRESS
              JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
             AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
              STN Operating Hours Plus Help Desk Availability
NEWS HOURS
NEWS INTER
             General Internet Information
NEWS LOGIN
              Welcome Banner and News Items
NEWS PHONE
              Direct Dial and Telecommunication Network Access to STN
NEWS WWW
             CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:06:26 ON 28 JAN 2005

=> e registry
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
The EXPAND command is used to look at the index in a file
which has an index. This file does not have an index.

=> file registry
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

0.21

0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:06:35 ON 28 JAN 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0 DICTIONARY FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> Uploading C:\Program Files\Stnexp\Queries\Application queries\10648800.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> s 12 sss full
FULL SEARCH INITIATED 10:07:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 67 TO ITERATE

100.0% PROCESSED 67 ITERATIONS

53 ANSWERS

SEARCH TIME: 00.00.01

L3 53 SEA SSS FUL L1

=> d 13 1-53

L3 ANSWER 1 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 792880-71-8 REGISTRY

CN Manganate(6-), (acetato-0)[[3,7,12,17-tetramethyl-8,13-dipropyl-21H,23H-porphine-2,18-dipropanoic acid bis[2-[[(carboxymethyl)[2-[(carboxymethyl)(2-ethoxy-2-oxoethyl)amino]ethyl]amino]ethyl]amino]acetyl]hydrazidato]](8-)-

N21, N22, N23, N24]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C70 H91 Mn N14 O22

CI CCS, COM

SR CA

PAGE 1-A

PAGE 1-B

$$CH_2-CO_2-CH_2-CO_2 -N-CH_2-CH_2-N-CH_2-C-OEt$$
 0

$$CH_2-CO_2-CH_2-CO_2 -N-CH_2-CH_2-N-CH_2-C-OEt$$

L3 ANSWER 2 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 789485-16-1 REGISTRY

CN Zincate(8-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-4-2)- (9CI) (CA
INDEX NAME)

MF C62 H74 N14 O20 Zn

CI CCS, COM

SR CA

L3 ANSWER 3 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 789477-13-0 REGISTRY

CN Ferrate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-5-13)- (9CI) (CA
INDEX NAME)

MF C62 H74 Cl Fe N14 O20

CI CCS, COM

SR CA

PAGE 1-A

$$- CO_2^ CH_2^ CO_2^ CH_2^ CH_2^ CH_2^ CH_2^ CO_2^-$$

$$--$$
 CO₂- CH₂- CO₂-
-- CH₂- CH₂- N- CH₂- CO₂-

- L3 ANSWER 4 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 788796-07-6 REGISTRY
- CN Zincate(6-), [[3,7,12,17-tetramethyl-8,13-bis[2-(1-naphthalenyl)ethyl]21H,23H-porphine-2,18-dipropanoic acid bis[2-[[(carboxymethyl)[2[(carboxymethyl)[2-[(carboxymethyl)(2-ethoxy-2oxoethyl)amino]ethyl]amino]ethyl]amino]acetyl]hydrazidato]](8-)N21,N22,N23,N24]-, (SP-4-2)- (9CI) (CA INDEX NAME)
- MF C86 H96 N14 O20 Zn
- CI CCS, COM
- SR CA

PAGE 1-C

- L3 ANSWER 5 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 770696-48-5 REGISTRY
- CN Ferrate(6-), (acetato-κ0)[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,.k appa.N24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)
- MF C68 H87 Fe N14 O22
- CI CCS, COM
- SR CA

- L3 ANSWER 6 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 767273-94-9 REGISTRY
- CN Zincate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
 bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
 carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)
- MF C62 H74 N14 O20 Zn
- CI CCS, COM
- SR CA

$$- CO_2^ CH_2^ CO_2^ CH_2^ CH_2^ CH_2^ CO_2^-$$

$$--$$
 CO₂- CH₂- CO₂-
- CH₂- CH₂- N- CH₂- CO₂-

L3 ANSWER 7 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 763070-48-0 REGISTRY

Manganate(6-), (acetato- κ 0)[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid- κ N21, κ N22, κ N23,.k appa.N24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)

MF C68 H87 Mn N14 O22

CI CCS, COM

SR CA

PAGE 1-A

L3 ANSWER 8 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 760940-39-4 REGISTRY

CN Platinate(6-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C66 H84 N14 O20 Pt

CI CCS, COM

SR CA

PAGE 1-A

```
L3 ANSWER 9 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
```

RN 760932-42-1 REGISTRY

CN Cuprate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-4-2)- (9CI) (CA
INDEX NAME)

MF C62 H74 Cu N14 O20

CI CCS, COM

SR CA

PAGE 1-A

$$-- co_2 - ch_2 - co_2 - ch_2 - ch_2 - ch_2 - ch_2 - co_2 - ch_2 - ch_2$$

$$---$$
 CO₂ - CH₂ - CO₂ - $-$ CH₂ - CH₂ - CO₂ - $-$ CH

- L3 ANSWER 10 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 759444-73-0 REGISTRY
- Magnesate (6-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid- κ N21, κ N22, κ N23, κ N24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)
- MF C66 H84 Mg N14 O20
- CI CCS, COM
- SR CA

- L3 ANSWER 11 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 758672-67-2 REGISTRY
- CN Cuprate(6-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
 bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)
- MF C66 H84 Cu N14 O20
- CI CCS, COM
- SR CA

PAGE 1-A

L3 ANSWER 12 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 757174-70-2 REGISTRY

CN Cobaltate(6-), (acetato- κ O)[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid- κ N21, κ N22, κ N23,.k appa.N24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)

MF C68 H87 Co N14 O22

CI CCS, COM

SR CA

PAGE 1-A

L3 ANSWER 13 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 754180-95-5 REGISTRY

CN Zincate(6-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C66 H84 N14 O20 Zn

CI CCS, COM

SR CA

```
L3 ANSWER 14 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
```

RN 754172-63-9 REGISTRY

CN Aluminate(8-), (acetato-κΟ)[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,.k appa.N24) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-5-13)-(9CI) (CA INDEX NAME)

MF C64 H77 Al N14 O22

CI CCS, COM

SR CA

PAGE 1-A

PAGE 1-B

$$---- CO_2^- CH_2^- CO_2^-$$

 $---- CH_2^- CH_2^- N - CH_2^- CO_2^-$

$$-- co_2 - ch_2 - co_2 - ch_2 - ch_2 - ch_2 - ch_2 - co_2 - ch_2 - ch_2 - co_2 - ch_2 - ch_2 - co_2 - ch_2 - ch_2$$

L3 ANSWER 15 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 752970-69-7 REGISTRY

CN Zincate(6-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid- κ N21, κ N22, κ N23, κ N24) bis[2-[3,6,9-tris(carboxymethyl)-11,14-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C66 H84 N14 O20 Zn

CI CCS, COM

SR CA

L3 ANSWER 16 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 749203-33-6 REGISTRY

CN Platinate(8-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C62 H74 N14 O20 Pt

CI CCS, COM

SR CA

PAGE 1-A

L3 ANSWER 17 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 742046-71-5 REGISTRY

CN Cobaltate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23Hporphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24
) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl]
](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-5-13)- (9CI) (CA
INDEX NAME)

MF C62 H74 C1 Co N14 O20

CI CCS, COM

SR CA

PAGE 1-A

$$- CO_2^ CH_2^ CO_2^ - CH_2^ CH_2^ CH_2^ CH_2^ CO_2^-$$

```
L3 ANSWER 18 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
```

RN 740072-39-3 REGISTRY

CN Manganate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23Hporphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24
) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl]
](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-5-13)- (9CI) (CA
INDEX NAME)

MF C62 H74 Cl Mn N14 O20

CI CCS, COM

SR CA

PAGE 1-A

PAGE 1-B

$$- CO_2^ CH_2^ CO_2^ CH_2^ CH_2^ CH_2^ CH_2^ CO_2^-$$

L3 ANSWER 19 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 736124-13-3 REGISTRY

CN Lutetate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis[(carboxy-κ0)methyl]aminoκN]ethyl][(carboxy-κ0)methyl]amino-κN]ethyl][(carboxyκ0)methyl]amino-κN]acetyl-κ0]hydrazidato]](10-)]-,
(SP-5-13)- (9CI) (CA INDEX NAME)

MF C62 H74 Cl Lu N14 O20

CI CCS, COM

SR CA

L3 ANSWER 20 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 734522-05-5 REGISTRY

Lutetate(6-), (acetato- κ 0)[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid- κ N21, κ N22, κ N23,.k appa.N24) bis[2-[3,6,9-tris(carboxymethyl)-11,14-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)

MF C68 H87 Lu N14 O22

CI CCS, COM

SR CA

PAGE 1-A

$$- CO_2^ CH_2^ CO_2^ CH_2^ C$$

L3 ANSWER 21 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 718595-61-0 REGISTRY

CN Magnesate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C62 H74 Mg N14 O20

CI CCS, COM

SR CA

PAGE 1-A

```
L3 ANSWER 22 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
```

RN 685502-81-2 REGISTRY

CN Aluminate(6-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24·) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, (SP-5-13)- (9CI) (CA INDEX NAME)

MF C66 H84 Al Cl N14 O20

CI CCS, COM

SR CA

PAGE 1-A

PAGE 1-B

```
L3 ANSWER 23 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
```

RN 476435-63-9 REGISTRY

CN Platinate(8-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-4-2)-(9CI) (CA INDEX NAME)

MF C62 H74 N14 O20 Pt . 8 H

CI CCS

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

CRN (749203-33-6)

PAGE 1-A

●8 H+

PAGE 1-B

CRN (789485-16-1)

●8 H+

PAGE 1-B

$$--$$
 CO₂- CH₂- CO₂- $-$ CH₂- CH₂- CO₂-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 25 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 476435-61-7 REGISTRY

CN 21H, 23H-Porphine-2, 18-dipropanoic acid, 8, 12-diethyl-3, 7, 13, 17-tetramethyl-, bis[2-[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazide] (9CI) (CA INDEX NAME)

MF C62 H84 N14 O20

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

$$--$$
 со₂н сн₂-со₂н $-$ сн₂-со₂н $-$ сн₂-со₂н $-$ сн₂-со₂н $-$ сн₂-со₂н $-$ сн₂-со₂н $-$ сн₂-со₂н

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 26 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 476435-51-5 REGISTRY

Platinate(6-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-CN dipropanoic acid-kN21, kN22, kN23, kN24) bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1yl]hydrazidato]](8-)]-, hexahydrogen, (SP-4-2)- (9CI) (CA INDEX NAME)

C66 H84 N14 O20 Pt . 6 H MF

CCS CI

SR CA

STN Files: CA, CAPLUS, USPATFULL LÇ

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (760940 - 39 - 4)CRN

PAGE 1-A

●6 H⁺

PAGE 1-B

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 27 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 476435-50-4 REGISTRY

CN Zincate(6-), [[(8,12-diethyl-3,7,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)

bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazidato]](8-)]-, hexahydrogen, (SP-4-2)- (9CI) (CA INDEX NAME)

MF C66 H84 N14 O20 Zn . 6 H

CI CCS

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

CRN (754180-95-5)

●6 H+

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 28 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 476435-49-1 REGISTRY
- CN 21H,23H-Porphine-2,18-dipropanoic acid, 8,12-diethyl-3,7,13,17-tetramethyl-, bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)
- MF C66 H92 N14 O20
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 29 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 256635-70-8 REGISTRY
- CN Cuprate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18dipropanoic acid-κN21,κN22,κN23,κN24)
 bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
 carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-4-2)(9CI) (CA INDEX NAME)
- MF C62 H74 Cu N14 O20 . 8 H
- CI CCS
- SR CA
- LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent) CRN (760932-42-1)

●8 H+

PAGE 1-B

CRN

(758672-67-2)

PAGE 1-A

●6 H+

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 31 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 256635-67-3 REGISTRY
- CN Cobaltate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-kN21,kN22,kN23,kN24
 -) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-5-13)- (9CI) (CA INDEX NAME)
- MF C62 H74 C1 Co N14 O20 . 8 H
- CI CCS
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent) CRN (742046-71-5)

●8 H+

●6 H⁺

—— co₂- сн₂- co₂-

DT.CA CAplus document type: Patent

(740072 - 39 - 3)

CRN

PAGE 1-B

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

●8 H+

PAGE 1-B

RL.P

CRN (763070-48-0)

●6 H+

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 35 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 256635-61-7 REGISTRY
- CN Ferrate(8-), chloro[[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
 bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
 carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-5-13)(9CI) (CA INDEX NAME)
- MF C62 H74 Cl Fe N14 O20 . 8 H
- CI CCS
- SR CA
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent) CRN (789477-13-0)

PAGE 1-A

●8 H+

PAGE 1-B

CRN (770696-48-5)

●6 H+

PAGE 1-B

CRN

●8 H+

PAGE 1-B

CRN (734522-05-5)

●6 H⁺

PAGE 1-B

$$--- CO_2^ CH_2^- CO_2^ --- CH_2^- CH_2^- N - CH_2^- C - OET$$
 0 $--- CO_2^ --- CH_2^- CH_2^- N - CH_2^- C - OET$ 0

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CA (1907 TO DATE)

- ANSWER 39 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN L3
- RN 251974-63-7 REGISTRY
- Aluminate (8-), (acetato- κ 0) [[(7,12-diethyl-3,8,13,17-tetramethyl-CN 21H, 23H-porphine-2, 18-dipropanoic acid-kN21, kN22, kN23, .k appa.N24) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)ami no]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-5-13) - (9CI) (CA INDEX NAME)
- C64 H77 Al N14 O22 . 8 H MF
- CI CCS
- CA SR
- LC STN Files: CA, CAPLUS, USPATFULL
- DT.CA CAplus document type: Patent
- Roles from patents: PREP (Preparation); RACT (Reactant or reagent) RL.P CRN (754172-63-9)

●8 H+

PAGE 1-B

●6 H+

PAGE 1-B

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 41 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 251974-59-1 REGISTRY

CN Magnesate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoic acid-κN21,κN22,κN23,κN24)
bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](
 carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-4-2) (9CI) (CA INDEX NAME)

MF C62 H74 Mg N14 O20 . 8 H

CI CCS

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

CRN (718595-61-0)

PAGE 1-A

●8 H+

PAGE 1-B

CRN (759444-73-0)

●6 H+

PAGE 1-B

1 REFERENCES IN FILE CA (1907 TO DATE) 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 43 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN 251974-55-7 REGISTRY RNZincate(8-), [[(7,12-diethyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-ÇN dipropanoic acid-kN21, kN22, kN23, kN24) bis[2-[[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazidato]](10-)]-, octahydrogen, (SP-4-2)-(9CI) (CA INDEX NAME) C62 H74 N14 O20 Zn . 8 H MFCI CCS SR CA STN Files: LCCA, CAPLUS, USPATFULL DT.CA CAplus document type: Patent Roles from patents: PREP (Preparation); RACT (Reactant or reagent) RL.P CRN (767273-94-9)

PAGE 1-A

●8 H+

PAGE 1-B

(752970-69-7)

CRN

PAGE 1-A

●6 H+

PAGE 1-B

$$--$$
 CO₂- CH₂-CO₂- | - CH₂-CH₂- CH₂- CH₂- C- OEt | 0

$$--- CO_2^- CH_2^- CO_2^ -- CH_2^- CH_2^- N - CH_2^- C - OEt$$
 0

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 45 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 221543-88-0 REGISTRY

CN 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-diethyl-3,8,13,17-tetramethyl-, bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)

MF C66 H92 N14 O20

SR CA

LC STN Files: CA, CAPLUS, USPAT7, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: RACT (Reactant or reagent)

PAGE 1-B

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 46 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 221543-84-6 REGISTRY
- CN 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-diethyl-3,8,13,17-tetramethyl-, bis[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazide] (9CI) (CA INDEX NAME)

MF C62 H84 N14 O20

SR CA

LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT7, USPATFULL

DT.CA CAplus document type: Patent

- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
- RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

PAGE 1-A

- 3 REFERENCES IN FILE CA (1907 TO DATE)
- 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
- 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 47 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 158686-93-2 REGISTRY
- CN 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-diheptyl-3,8,13,17-tetramethyl-, bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)

MF C76 H112 N14 O20

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

Me---

Me----

PAGE 1-C

$$CH_2-CO_2H$$

 $-CH_2-N-CH_2-C-OEt$
 0

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 48 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 158686-92-1 REGISTRY

CN 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-dibutyl-3,8,13,17-tetramethyl-, bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)

MF C70 H100 N14 O20

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

PAGE 1-C

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 49 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 158686-91-0 REGISTRY

CN 21H,23H-Porphine-2,18-dipropanoic acid, 3,7,12,17-tetramethyl-8,13-dipropyl-, bis[2-[3,6,9-tris(carboxymethyl)-1,11-dioxo-12-oxa-3,6,9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)

MF C68 H96 N14 O20

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 50 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 158686-90-9 REGISTRY

CN 21H, 23H-Porphine-2, 18-dipropanoic acid, 7, 12-bis (methoxymethyl) -3, 8, 13, 17-tetramethyl-, bis[2-[3,6,9-tris(carboxymethyl)-1, 11-dioxo-12-oxa-3, 6, 9-triazatetradec-1-yl]hydrazide] (9CI) (CA INDEX NAME)

MF C66 H92 N14 O22

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: PREP (Preparation)

PAGE 1-A

PAGE 1-B

- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
- L3 ANSWER 51 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN RN 157441-04-8 REGISTRY

CN Manganate(6-), (acetato-0)[[3,7,12,17-tetramethyl-8,13-dipropyl-21H,23Hporphine-2,18-dipropanoic acid bis[2-[[(carboxymethyl)[2-[(carboxymethyl)[2-[(carboxymethyl)(2-ethoxy-2oxoethyl)amino]ethyl]amino]ethyl]amino]acetyl]hydrazidato]](8-)-N21, N22, N23, N24] -, hexahydrogen, (SP-4-2) - (9CI) (CA INDEX NAME) C70 H91 Mn N14 O22 . 6 H MF CI CCS SR CA STN Files: CA, CAPLUS, USPATFULL LC DT.CA CAplus document type: Patent Roles from patents: PREP (Preparation) RL.P CRN (792880 - 71 - 8)

PAGE 1-A

●6 H⁺

PAGE 1-B

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 52 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 157441-03-7 REGISTRY

CN Zincate(6-), [[3,7,12,17-tetramethyl-8,13-bis[2-(1-naphthalenyl)ethyl]-21H,23H-porphine-2,18-dipropanoic acid bis[2-[[(carboxymethyl)[2-[(carboxymethyl)(2-ethoxy-2-

oxoethyl)amino]ethyl]amino]ethyl]amino]acetyl]hydrazidato]](8-) N21,N22,N23,N24]-, hexahydrogen, (SP-4-2)- (9CI) (CA INDEX NAME)
MF C86 H96 N14 O20 Zn . 6 H
CI CCS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)
CRN (788796-07-6)

Me-

$$CH_2-CO_2-$$

 $-CH_2-N-CH_2-C-OEt$
 0

●6 H+

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 53 OF 53 REGISTRY COPYRIGHT 2005 ACS on STN

RN 129415-75-4 REGISTRY

CN 21H,23H-Porphine-2,18-dipropanoic acid, 7,12-bis(1-methoxyethyl)-3,8,13,17-tetramethyl-, bis[2-[[2-[[2-[bis(carboxymethyl)amino]ethyl](carboxymethyl)amino]ethyl](carboxymethyl)amino]acetyl]hydrazide] (9CI) (CA INDEX NAME)

MF C64 H88 N14 O22

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RLD.P Roles for non-specific derivatives from patents: PREP (Preparation)

PAGE 1-A

PAGE 1-B

$$\begin{array}{c|cccc} & \text{CH}_2\text{--}\text{CO}_2\text{H} & \text{CH}_2\text{--}\text{CO}_2\text{H} \\ & & | & & | \\ & -\text{N--}\text{CH}_2\text{--}\text{CH}_2\text{--}\text{N--}\text{CH}_2\text{--}\text{CO}_2\text{H} \end{array}$$

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file registry
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 260.57 260.78

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:09:33 ON 28 JAN 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0 DICTIONARY FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html